

AHDB Recommended List

Winter rye Descriptive List 2021/22



Variety type	KWS Serafino	SU Performer	SU Arvid	Poseidon	SU Cossani	SU Mephisto	SU Nasri	Inspector	Dukato	Average LSD (5%)
	Hybrid	Hybrid	Hybrid	Hybrid	Hybrid	Hybrid	Hybrid	Conv	Conv	
Grain yield (as % treated control)	NEW		NEW	NEW		C	NEW			
Fungicide-treated (9.4 t/ha)	111	106	104	103	101	100	99	90	89	5.2
Number of trials	8	13	8	8	13	13	8	13	13	
Agronomic features										
Lodging (%)	-	[5]	-	-	[16]	[20]	-	[23]	[17]	1.7
Straw length (cm)	128	127	134	129	127	128	126	139	138	6.3
Ripening (days +/- SU Mephisto, -ve = earlier)	+1	+1	+1	0	0	0	+1	0	0	1.4
Grain quality										
Protein content (%)	9.7	9.7	9.5	10.6	9.8	9.8	10.0	10.5	10.2	0.4
Hagberg Falling Number	250	258	209	193	240	223	220	217	208	18.2
Specific weight (kg/hl)	77.2	78.4	77.7	76.6	77.5	77.3	77.0	78.9	78.8	0.8
Disease resistance										
Brown rust (1-9) - see note below	7	4	4	4	4	3	3	4	4	1.0
Breeder/UK contact										
Breeder	KWSGmbH	Hybro	Hybro	NS	SU	Hybro	Hybro	PHP	Hybro	
UK contact	KWS	SU	SU	Dalt	SU	SU	SU	SU	SU	
Status in DL system										
Year first listed	21	17	21	21	18	15	21	16	17	
DL status	P1	-	P1	P1	-	-	P1	-	-	

DL Candidates

	KWS Tayo	SU Baresi	SU Plurais	SU Elron	SU Bendix
	Hybrid	Hybrid	Hybrid	Hybrid	Hybrid
	112	108	105	105	104
	6	6	6	6	6
	-	-	-	-	-
	[126]	[125]	[125]	[130]	[130]
	[+1]	[+1]	[0]	[0]	[+1]
	9.9	9.0	9.3	9.7	10.2
	257	245	220	238	227
	77.6	78.8	77.9	80.2	78.5
	-	-	-	-	-
	-	Hybro	Hybro	Hybro	Hybro
	KWS	SU	SU	SU	SU
	-	-	-	-	-
	-	-	-	-	-

Varieties no longer listed: SU Promoter.
 The data in this table is provided for information only and does not constitute a recommendation.

Conv = Conventional variety
 C = Yield control (for current table)
 [] = Limited data
 P1 = First year of listing

Dalt = Dalton Seeds (dalmark.co.uk)
 Hybro = Hybro, Germany
 KWS = KWS UK (kws-uk.com)
 KWSGmbH = KWS Lochow GmbH (kws-uk.com)

NS = Nordic Seed, Denmark
 PHP = P.H. Petersen, Germany (phpetersen.com)
 SU = Saaten Union UK (saaten-union.co.uk)

LSD = Least significant difference
 Average LSD (5%): Varieties that are more than one LSD apart are significantly different at the 95% confidence level

Winter rye rust ratings

The RL 2021/22 now features disease ratings for winter rye (brown rust). As Described, not Recommended, varieties, less information is available to calculate the ratings. As a result, these ratings use a six-year dataset. As for all ratings, statistical significance (LSD) should be taken into account when deciding if varieties have different susceptibility to disease.